EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"secure access".clm. and "information center".clm. and store.clm. and register$3.clm. and rights.clm. and request$3.clm. and owner.clm. and transmit$4.clm. and confirmat$3.clm. and "third parties".clm. and type.clm. and network.clm.	US-PGPUB; USPAT	OR	OFF	2006/04/17 09:04
L2	10	"secure access" and "information center" and store and register$3 and rights and request$3 and owner and transmit$4 and confirmat$3 and "third parties" and type and network	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 09:07
L3	3113	726/26 or 726/27 or 726/4 or 713/185 or 705/2 or 705/3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 09:07
L4	0	3 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 09:07
L5	12	"secure access" and "information center" and store and register$3 and rights and request$3 and owner and transmit$4 and confirmat$3 and type and network	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 09:07
L6	0	3 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 09:07

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1 Fast detection of communication patterns in distributed executions
Thomas Kunz, Michiel F. H. Seuren
November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**
Publisher: IBM Press
Full text available: pdf(4.21 MB)   Additional Information: full citation, abstract, references, index terms

> Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with th desired overview of the application. In our experience, such tools display repeated occurrences non-trivial commun ...

2 Copyrights and access-rights: How DRM-based content delivery systems disrupt expectati of "personal use"
Deirdre K. Mulligan, John Han, Aaron J. Burstein
October 2003 **Proceedings of the 3rd ACM workshop on Digital rights management DRM '0:**
Publisher: ACM Press
Full text available: pdf(416.68 KB)   Additional Information: full citation, abstract, references, index terms, review

> We set out to examine whether current, DRM-based online offerings of music and movies accor with consumers' current expectations regarding the personal use of copyrighted works by study the behavior of six music, and two film online distribution services. We find that, for the most p; the services examined do not accord with expectations of personal use. The DRM-based service studied restrict personal use in a manner inconsistent with the norms and expectations governir the purchase and ...

> **Keywords:** access control, content distribution, copyright, digital rights management, fair use, personal use, privacy

3 Information protection methods: Display-only file server: a solution against information thef due to insider attack
Yang Yu, Tzi-cker Chiueh
October 2004 **Proceedings of the 4th ACM workshop on Digital rights management**
Publisher: ACM Press

Full text available: pdf(311.80 KB)   ·   Additional Information: full citation, abstract, references, index terms

Insider attack is one of the most serious cybersecurity threats to corporate America. Among all insider threats, information theft is considered the most damaging in terms of potential financia loss. Moreover, it is also especially difficult to detect and prevent, because in many cases the attacker has the proper authority to access the stolen information. According to the 2003 CSI/F Computer Crime and Security Survey, theft of proprietary information was the single largest category of los ...

Keywords: access, digital rights management, information theft, insider attack

4 On-line e-wallet system with decentralized credential keepers
Stig Frode Mjølsnes, Chunming Rong
February 2003 **Mobile Networks and Applications**, Volume 8 Issue 1

Publisher: Kluwer Academic Publishers
Full text available: pdf(240.23 KB)   Additional Information: full citation, abstract, references, index terms

We propose a generalization of the architecture of an electronic wallet, as first developed in the seminal European research project CAFE. With this model you can leave most of the content of · electronic wallet at the security of your residential electronic keeper, while roaming with your favorite mobile terminals. Emerging mobile handsets with both short range Bluetooth and cellul: GPRS communications provide a sufficient communication platform for this electronic wallet architecture. Howe ...

Keywords: digital credentials, e-wallet architecture, mobile commerce, payment protocols, priv

5 Privacy through pseudonymity in user-adaptive systems
Alfred Kobsa, Jörg Schreck
May 2003   **ACM Transactions on Internet Technology (TOIT)**, Volume 3 Issue 2

Publisher: ACM Press

Full text available: pdf(881.69 KB)   Additional Information: full citation, abstract, references, citings, index terms
review

User-adaptive applications cater to the needs of each individual computer user, taking for exam users' interests, level of expertise, preferences, perceptual and motoric abilities, and the usage environment into account. Central user modeling servers collect and process the information ab users that different user-adaptive systems require to personalize their user interaction.Adaptive systems are generally better able to cater to users the more data their user modeling systems collect and ...

Keywords: Chaum mix, KQML, User modeling, access control, anonymity, encryption, personal information, personalization, privacy, pseudonymity, reference model, secrecy, security, user-adaptive systems

6 Secure program partitioning
Steve Zdancewic, Lantian Zheng, Nathaniel Nystrom, Andrew C. Myers
August 2002 **ACM Transactions on Computer Systems (TOCS)**, Volume 20 Issue 3

Publisher: ACM Press
Full text available: pdf(497.12 KB)   Additional Information: full citation, abstract, references, index terms

This paper presents secure program partitioning, a language-based technique for protecting confidential data during computation in distributed systems containing mutually untrusted hosts Confidentiality and integrity policies can be expressed by annotating programs with security typ that constrain information flow; these programs can then be partitioned automatically to run

securely on heterogeneously trusted hosts. The resulting communicating subprograms collective
implement the original p ...

Keywords: Confidentiality, declassification, distributed systems, downgrading, integrity, mutua
distrust, secrecy, security policies, type systems

7 Software issues: Towards a software architecture for DRM
Sam Michiels, Kristof Verslype, Wouter Joosen, Bart De Decker
November 2005 **Proceedings of the 5th ACM workshop on Digital rights management DRM '**
Publisher: ACM Press
Full text available: pdf(296.34 KB)   Additional Information: full citation, abstract, references, index terms

The domain of digital rights management (DRM) is currently lacking a generic architecture that
supports interoperability and reuse of specific DRM technologies. This lack of architectural suppc
a serious drawback in light of the rapid evolution of a complex domain like DRM. It is highly unli
that a single DRM technology or standard will be able to support the diversity of devices, users,
platforms, and media, or the wide variety of system requirements concerning security, flexibilit)
a ...

Keywords: DRM, software architecture

8 Identification control: Owner-controlled information
Carrie Gates, Jacob Slonim
August 2003 **Proceedings of the 2003 workshop on New security paradigms**
Publisher: ACM Press
Full text available: pdf(1.06 MB)   Additional Information: full citation, abstract, references

Information about individuals is currently maintained in many thousands of databases, with mu
that information, such as name and address, replicated across multiple databases. However, thi
proliferation of personal information raises issues of privacy for the individual, as well as
maintenance issues in terms of the accuracy of the information. Ideally, each individual would o
maintain and control his personal information, allowing access to those who needed at the time
was needed. O ...

Keywords: architecture, privacy, security

9 Bracket capabilities for distributed systems security
Mark Evered
January 2002 **Australian Computer Science Communications , Proceedings of the twenty-fit**
Australasian conference on Computer science - Volume 4 CRPITS '02, Volume 2
Issue 1
Publisher: Australian Compluter Society, Inc. , IEEE Computer Society Press
Full text available: pdf(716.77 KB)   Additional Information: full citation, abstract, references, citings, index terms

The per-method access control lists of standard middleware technologies allow only simple form
access control to be expressed and enforced. Research systems based on capabilities provide a
secure mechanism but also fail to support more flexible security constraints such as parameter
restrictions, logging and state-dependent access. They also fail to enforce a strict need-to-know
of a persistent object for each user. In this paper we present the concept of bracket capabilities
a ...

Keywords: distributed systems, objects, security

10 Information technology and dataveillance

Roger Clarke

May 1988   **Communications of the ACM**, Volume 31 Issue 5

Publisher: ACM Press

Full text available: pdf(1.89 MB)   Additional Information: full citation, abstract, references, citings, index terms review

> Data surveillance is now supplanting conventional surveillance techniques. With this trend come monitoring methods such as personal dataveillance and mass dataveillance that require more effective safeguards and a formal policy framework.

11 Applications, services, and architecture: Smart edge server: beyond a wireless access poir

G. Manjunath, T. Simunic, V. Krishnan, J. Tourrilhes, D. Das, V. Srinivasmurthy, A. McReynolds

October 2004 **Proceedings of the 2nd ACM international workshop on Wireless mobile applications and services on WLAN hotspots**

Publisher: ACM Press

Full text available: pdf(410.68 KB)   Additional Information: full citation, abstract, references, index terms

> Wireless access at cafes, airports, homes and businesses have proliferated all over the globe wii several different Wireless Internet Service Providers. Similarly, digital media has created a para shift in media processing resulting in a complete change in media usage models, revamped exis businesses and has introduced new industry players. We believe there is a tremendous opportui for application and system services at the intersection of the above two domains for exploiting t

> **Keywords:** access point, low-power, management, media, security, wireless

12 Protecting applications with transient authentication

Mark D. Corner, Brian D. Noble

May 2003   **Proceedings of the 1st international conference on Mobile systems, applicatior and services MobiSys '03**

Publisher: ACM Press

Full text available: pdf(294.40 KB)   Additional Information: full citation, abstract, references

> How does a machine know who is using it? Current systems authenticate their users infrequentl and assume the user's identity does not change. Such *persistent authentication* is inappropriate mobile and ubiquitous systems, where associations between people and devices are fluid and unpredictable. We solve this problem with *Transient Authentication*, in which a small hardware t continuously authenticates the user's presence over a short-range, wireless link. We present the fo ...

13 Video portals for the next century (panel session)

Rob Koenen, Heather Yu, Avideh Zakhor, Francis Galliano, Charles Bouman

October 1999 **Proceedings of the seventh ACM international conference on Multimedia (Par**

Publisher: ACM Press

Full text available: pdf(660.29 KB)   Additional Information: full citation, index terms

14 A structure for a defense software reuse marketplace

James W. Moore

May 1994   **ACM SIGAda Ada Letters**, Volume XIV Issue 3

Publisher: ACM Press

Full text available: pdf(998.60 KB)   Additional Information: full citation, abstract, index terms

> The paper begins by briefly examining the demand for reusable software components and the

characteristics of the defense industry which serve to differentiate its needs from those of a bro commercial reuse industry. The approach of providing a single library for defense reuse is exam and discarded. The bulk of the paper examines how a reuse marketplace might be built upon th existence of multiple libraries. The operations of a reuse marketplace are described and possible specializations ...

15 Implementing role based access control for federated information systems on the web
Kerry Taylor, James Murty
January 2003 **Proceedings of the Australasian information security workshop conference o ACSW frontiers 2003 - Volume 21 CRPITS '03**
Publisher: Australian Computer Society, Inc.
Full text available: pdf(217.89 KB)   Additional Information: full citation, abstract, references, citings, index terms

There is rapidly increasing interest in Australia in on-line sharing of information stored in corpor databases, especially within and between staff of independent government agencies. Biological collections databases and population health GIS are good examples of the frequent situation wh database custodians are looking for dynamic, distributed, heterogenous federated information system models for information sharing within loosely constituted communities. This paper descr a security m ...

Keywords: RBAC, federated databases

16 Classroom discussions: policies and responsibilities of Internet Service Providers
Mary J. Granger, Joyce Currie Little
June 2003   **ACM SIGCSE Bulletin , Proceedings of the 8th annual conference on Innovatior technology in computer science education ITiCSE '03**, Volume 35 Issue 3
Publisher: ACM Press
Full text available: pdf(307.74 KB)   Additional Information: full citation, abstract, references, index terms

Since the early to mid 1990s, with the advent of easy to use browser software, the Internet has become available to those outside the community of researchers and knowledgeable users. Currently, anyone with computing and some type of networking capability is able to connect to · internet: some still through University and work-place links, others through internet Service Providers (ISPs). For their customers, these ISP provide an entry point into the Internet and me control or monitor activit ...

Keywords: ISPs, Internet Service Providers, intellectual property, privacy, security

17 Starting a university microcomputer maintenance program
Roger N. Addelson, Don M. Wee
September 1986 **Proceedings of the 14th annual ACM SIGUCCS conference on User services · setting the direction**
Publisher: ACM Press
Full text available: pdf(2.73 MB)   Additional Information: full citation, citings, index terms

18 Securing context-aware applications using environment roles
Michael J. Covington, Wende Long, Srividhya Srinivasan, Anind K. Dev, Mustaque Ahamad, Gregor Abowd
May 2001   **Proceedings of the sixth ACM symposium on Access control models and technologies**
Publisher: ACM Press
Full text available: pdf(131.07 KB)   Additional Information: full citation, abstract, references, citings, index terms

In the future, a largely invisible and ubiquitous computing infrastructure will assist people with a variety of activities in the home and at work. The applications that will be deployed in such syst will create and manipulate private information and will provide access to a variety of other resources. Securing such applications is challenging for a number of reasons. Unlike traditional systems where access control has been explored, access decisions may depend on the context i which re ...

Keywords: context aware computing, role-based access control

19 Raising student awareness of computing concerns and ethical practices
Jennifer A. Polack-Wahl, Marsha Zaidman
December 2005 **Journal of Computing Sciences in Colleges**, Volume 21 Issue 2
Publisher: Consortium for Computing Sciences in Colleges
Full text available: pdf(194.65 KB)   Additional Information: full citation, abstract, references, index terms

The authors present two case studies of actual situations. These scenarios, related issues, and possible outcomes are presented. Professors can use these studies in a classroom setting to stimulate discussion, raise awareness of underlying issues related to the technology, and demonstrate to students how to evaluate such situations in the future. This paper discusses two common ethical issues that may affect students' daily lives.

20 Risks to the public in computers and related systems
Peter G. Neumann
January 2002 **ACM SIGSOFT Software Engineering Notes**, Volume 27 Issue 1
Publisher: ACM Press
Full text available: pdf(1.41 MB)   Additional Information: full citation

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